



# STICK IT WHERE THE SUN SHINES

## PSk2 Surface Solar Pump Systems

CENTRIFUGAL PUMP SYSTEMS



**PUMP SYSTEMS**

	PS 7K2	PS 9K2	PS 15K2	PS 21K2	PS 25K2
MAX. TOTAL DYNAMIC HEAD (TDH) [m]	90	80	80	80	40
MAX. FLOW RATE [m³/h]	114	120	279	306	457
SOLAR OPERATION:					
open circuit voltage (Voc) [V DC]	MAX. 850				

\* PV modules at standard test condition: AM = 1.5, E = 1,000 W/m², cell temperature: 25°C. All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market requirements and regulations. A pump system consists of a controller, motor and pump end. Multiple pumps/pump ends are shown to represent the wide range of pumps (over 70) that LORENTZ has.

Australian's have a habit of being told to stick things in dark places, but the LORENTZ range of solar pumps and controllers work better where the sun shines.

From swimming pools to stock water to irrigation – no fuel & no electricity.

Just sunshine and you're pumping.



## PS Solar Pump Systems for Pools

### PUMP SYSTEMS

	PS600 CS-17-1	PS1800 CS-37-1
MAX. TOTAL DYNAMIC HEAD (TDH) [m]	12	14
MAX. FLOW RATE [m <sup>3</sup> /h]	19	36
SOLAR OPERATION:		
max. power voltage (Vmp)* [V DC]	> 68	> 102
open circuit voltage (Voc) [V DC]	MAX. 150	MAX. 200
nominal voltage [V DC]	48 – 72	84 – 96
BATTERY OPERATION:		
nominal voltage [V DC]	48	96
PUMP TYPE	centrifugal pump	centrifugal pump
INTEGRATED STRAINER	■	■
SUITABLE FOR SEA WATER	on request	on request

\* PV modules at standard test condition: AM = 1.5, E = 1,000 W/m<sup>2</sup>, cell temperature: 25°C.



PS600 CS-17-1



PS1800 CS-37-1

## PS Surface Solar Pumps Systems



### PUMP SYSTEMS

	PS150 BOOST	PS600 CS-F	PS1800 CS-F	PS4000 CS-F
MAX. TOTAL DYNAMIC HEAD (TDH) [m]	150	40	50	70
MAX. FLOW RATE [m <sup>3</sup> /h]	1.3	8.9	19	59
SOLAR OPERATION:				
max. power voltage (Vmp)* [V DC]	> 17	> 68	> 102	> 238
open circuit voltage (Voc) [V DC]	MAX. 50	MAX. 150	MAX. 200	MAX. 375
nominal voltage [V DC]	12 – 24	24 – 48	72 – 96	168 – 192
BATTERY OPERATION:				
nominal voltage [V DC]	12 and 24	48	96	N/A
PUMP TYPE	positive displacement	centrifugal pump	centrifugal pump	centrifugal pump

\* PV modules at standard test condition: AM = 1.5, E = 1,000 W/m<sup>2</sup>, cell temperature: 25°C